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April 14, 2006

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

EV317487554US

**CUSTOMER NO.: 32885**  
**VIA EXPRESS MAIL LABEL NUMBER EV317487554US**  
**ATTORNEY'S DOCKET NO.: 11672N/030335**

**Transmittal Letter to the United States Designated/Elected Office (DO/EO/US)**  
**Concerning a Filing Under 35 U.S.C. 371**

Dear Sir:

Transmitted herewith for filing is a patent application claiming priority under 35 U.S.C. § 371 of International Application No. PCT/US2004/033951 filed on 14 October 2004 (14.10.2004) claiming priority of Provisional Patent Application No. 60/511,484 filed on 15 October 2003 (15.10.2003) and Provisional Patent Application No. 60/574,412 filed on 26 May 2004.

Title: **PEPTIDE AND PROTEIN FRAGMENTATION BY LYSINE RESIDUE  
ORIGINATED REACTIONS**

Applicant(s) for DO/EO/US: PORTER, et al.

1. This is the **first** submission of items concerning a filing under 35 U.S.C. 371.
2. This is an express request to begin national examination procedures (35 U.S.C. 371(f)).
3. The U.S. has been elected (Article 31).
4. A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) is not required, as the application was filed in the United States Receiving Office (RO/US).
5. The International Application was filed in English.
6. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) have not been made and will not be made.

11672N:030335:668541:1:NASHVILLE

10/576218

1AP20 Rec'd PCT/PTO 14 APR 2006

Attorney Docket No. 11672N/030335

Customer No. 32885

Enclosed for filing is the following:

7. Declaration and power of attorney of the inventors (unsigned).
8. Copy of the International Search Report.
9. Copy of the International Written Opinion.
10. PTO-2038 in the amount of \$750.00.
11. Self-addressed return post card.

**Fee Calculation**

The fee has been calculated as follows:

| For  | Number Filed | Number Extra | Rate       | Fee     |
|--|--------------|--------------|------------|---------|
| Basic National Fee   |              |              |            | \$ 300  |
| Examination Fee  |              |              |            | \$ 200  |
| Search Fee<br>(International Search<br>Report Provided )   |              |              |            | \$ 400  |
| Total Claims<br>37 CFR 1.16(c)   | 18-20 = 0    | 0            | 0 x \$50=  | \$ 0    |
| Independent Claims<br>37 CFR 1.16(b)   | 6-3= 3       | 3            | 3 x \$200= | \$ 600  |
| TOTAL OF ABOVE CALCULATIONS=   |              |              |            | \$ 1500 |
| Applicant claims small entity status under 37 C.F.R. 1.27. The fees<br>indicated above are reduced by 1/2. |              |              |            | \$ 750  |
| TOTAL FEES ENCLOSED  |              |              |            | \$ 750  |

**Correspondence Address**


Please direct future correspondence to:

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Attorney Docket No. 11672N/030335  
Customer No. 32885

You are authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account 50-2752.

Very truly yours,  
Stites & Harbison PLLC



Richard S. Myers, Jr.  
Registration Number 42,022

RSM/fmv  
enclosures

**CERTIFICATE OF EXPRESS MAILING**

"EXPRESS MAIL" mailing label number: EV317487554US

Date of deposit: April 14, 2006

I hereby certify that this correspondence, including the following:

1. Transmittal Letter to DO/EO/US Concerning a Filing Under 35 U.S.C. 371;
2. Declaration and power of attorney of the inventors (unsigned);
3. International Search Report;
4. Written Opinion;
5. PTO-2038 in the amount of \$750.00;
6. Self-addressed return post card.

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above and is addressed to:

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Commissioner for Patents  
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Alexandria, VA 22313-1450

Date:

4/14/06

  
Richard S. Myers, Jr.